

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"3028575".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/26 11:14
S2	178	433/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 14:06
S3	224	433/10.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 14:07
S4	1	"4861268".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/20 14:23
S5	1	"5829975".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 15:03
S6	1	"5873715".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 15:04
S7	178	433/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 15:10
S8	1	"5183388".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/18 15:10
S9	16	("5183388").URPN.	USPAT	OR	OFF	2006/12/18 15:11
S10	16	("5183388").URPN.	USPAT	OR	OFF	2006/12/18 15:12
S11	17	("0711948"   "0886904"   "1525408"   "1761581"   "2140820"   "2383068"   "3357292"   "4462800"   "4472139"   "4496318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:14

## EAST Search History

S12	1	"6244862".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:14
S13	1	"6361315".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:17
S14	349	dental and teeth and ball near socket	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:22
S15	1	"5620321".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:18
S16	6	("5620321").URPN.	USPAT	OR	OFF	2006/12/18 15:19
S17	19	("0473040"   "0597582"   "3618214"   "3690003"   "3798773"   "4382783"   "4424032"   "4462800"   "4472139"   "4551095"   "4795342"   "5011404"   "5183388"   "5328364"   "5352116"   "5378147").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:19
S18	15	dental and teeth and ball near socket and (acute near angle)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:23
S19	2313	(dental or orthodontic) and pivot\$4 and (spher\$5 or ball)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:24
S20	88	(dental or orthodontic) and pivot\$4 and (spher\$5 or ball)and (acute near angle)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:26
S21	353	433/18.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:26
S22	178	433/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/20 14:23
S23	1	("2002/0132207").URPN.	USPAT	OR	OFF	2006/12/20 14:28
S24	7	("5120218"   "5378147"   "5562445"   "5620321"   "5738514"   "5829975"   "5853291").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 14:49
S25	353	433/18.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:04
S26	5	("0473040"   "4861268"   "5829975"   "6120289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 14:55

## EAST Search History

S27	0	("6976839").URPN.	USPAT	OR	OFF	2006/12/20 14:56
S28	195	433/21.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:20
S29	144	(ball or spher\$5) near joint and planar near face\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:20
S30	144	(ball or spher\$5) near joint and (planar near face\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:29
S31	3	(ball or spher\$5) near joint and (planar near face\$1) and "433".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:29
S32	349	dental and teeth and ball near socket	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:29
S33	14	("5073110").URPN.	USPAT	OR	OFF	2006/12/20 15:38
S34	13	("3579831"   "3656236"   "3732621"   "4431416"   "4568216"   "4645453"   "4679958"   "4682951"   "4713004"   "4793808"   "4832601"   "4854874"   "4907969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:39
S35	35	("0307537"   "2378279"   "2625158"   "2773502"   "2835628"   "3386440"   "3429308"   "3503127"   "3600807"   "3754332"   "3786813"   "3788322"   "3797492"   "3901232"   "3911009"   "3944064"   "4020558"   "4039653"   "4055178"   "4175326"   "4312347"   "4313438"   "4314554"   "4485805"   "4681544"   "4685883"   "4741700").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 15:43
S36	17	("4861268").URPN.	USPAT	OR	OFF	2006/12/20 15:44
S37	66	("3808606").URPN.	USPAT	OR	OFF	2006/12/21 09:07
S38	84	433/22.ccls.	USPAT	OR	OFF	2006/12/21 09:07
S39	109	433/22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 09:08
S40	36	("4795342").URPN.	USPAT	OR	OFF	2006/12/21 09:29
S41	2	("4462800"   "4795342").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 09:45
S42	5	("5632618").URPN.	USPAT	OR	OFF	2006/12/21 10:55

## EAST Search History

S43	3	"3028575".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 11:01
S44	234	433/7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 12:59
S45	9	("5167500"   "5364396"   "5785520"   "5885290"   "6162223"   "6187004"   "6203548"   "6220856"   "6267589").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 11:08
S46	1	"473040".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 12:59
S47	1	"4861368".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:00
S48	1	"4861268".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:00
S49	1	"5829975".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:01
S50	1	"5873715".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:03
S51	1	"931518".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:05
S52	1	"4483674".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:06

## EAST Search History

S53	1	"5299935".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:09
S54	1	"5873715".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:11
S55	1	"03028575".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:11
S56	1	"931518".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:12
S57	1	"4483674".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:13
S58	1	"5299935".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:13
S59	1	"5873715".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:21
S60	102104	(sphere\$5 or ball) and (planar or flat) and face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:23
S61	38329	(sphere\$5 or ball and joint) and (planar or flat) and face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:23
S62	6803	(sphere\$5 or ball near joint) same (planar or flat) and face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:23

## EAST Search History

S63	16151	(sphere\$5 or ball near joint) same (planar or flat) sameface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:23
S64	2956	(sphere\$5 or ball near joint) same (planar or flat) same face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:23
S65	2905	(sphere\$5 or ball and socket near joint) same (planar or flat) same face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/21 13:24
S66	65	(ball and socket near joint) same (planar or flat)near face	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 15:45
S67	73	(ball and socket near joint) same (planar or flat)near (face or edge\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 15:54
S68	4	("5074699").URPN.	USPAT	OR	OFF	2006/12/21 15:47
S69	0	ellipsoidal and (ball and socket near joint) same (planar or flat)near (face or edge\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 15:54
S70	207	433/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 11:10
S71	131	433/64.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 11:41
S72	113	433/22.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 11:46
S73	2156	"433".clas. and (sphere near planar or flat and face)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 11:47

## EAST Search History

S74	41	S73 and (ball near joint\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 13:09
S75	973	602/16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 13:09
S76	26	602/16.ccls. and (ball near joint\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/22 13:10
S77	2	("4881532"   "4905678").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 13:16
S78	5	("4881532"   "4905678").PN. OR ("5368552").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 13:16
S79	3	("5368552").URPN.	USPAT	OR	OFF	2006/12/22 13:18
S80	586	602/26.ccls.	USPAT	OR	OFF	2006/12/22 13:19
S81	10	S80 and (ball near joint\$1)	USPAT	OR	OFF	2006/12/22 13:26
S82	90	433/23.ccls.	USPAT	OR	OFF	2006/12/22 13:27
S84	598	602/23.ccls.	USPAT	OR	OFF	2006/12/22 13:28
S85	822	602/23.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 13:29
S86	12	602/23.ccls. and (ball near joint\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/22 13:29
S87	1	"6033217".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/26 11:22
S88	57	623/19.12.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/26 11:22
S89	21	("4279041").URPN.	USPAT	OR	OFF	2006/12/26 11:45